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## SK 3304.640

# TopTherm wall-mounted cooling unit Blue e

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FRIEDHELM LOH GROUP



# SK 3304.640 - TopTherm wall-mounted cooling unit Blue e 0.3 - 4 kW

Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W). Available in the special formats "horizontal" and "flat".



## Features

|                                         |                                                                                                                                                                                           |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                               | SK 3304.640                                                                                                                                                                               |
| Design                                  | wall-mounted                                                                                                                                                                              |
| Product description                     | Energy-efficient Blue e wall-mounted cooling units in the output categories 300 W to 4000 W and with integral electrical condensate evaporator (from 1000 W).                             |
| Benefits                                | May be linked to the IoT interface via Blue e IoT adaptor for cooling units from 500 W cooling output with e-Comfort controller                                                           |
| Material                                | Stainless steel 1.4301 (AISI 304)                                                                                                                                                         |
| Colour                                  | RAL 9007                                                                                                                                                                                  |
| Supply includes                         | Condenser with hydrophobic RiNano coating<br>Fully wired ready for connection (plug-in terminal strip)<br>Drilling template<br>Assembly parts<br>Integral electric condensate evaporation |
| Total cooling output to<br>DIN EN 14511 | Cooling output L35 L35/50 Hz: 1.1 kW<br>Cooling output L35 L35/60 Hz: 1.25 kW<br>Cooling output L35 L50/50 Hz: 0.98 kW<br>Cooling output L35 L50/60 Hz: 0.9 kW                            |
| Rated operating voltage                 | 400 V, 3~, 50 Hz<br>460 V, 3~, 60 Hz                                                                                                                                                      |

# Features

|                                                |                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated current max.                             | At 50 Hz: 2.2 A<br>At 60 Hz: 2.1 A                                                                                                                                          |
| Start-up current max.                          | At 50 Hz: 11.5 A<br>At 60 Hz: 12.7 A                                                                                                                                        |
| Air throughput (unimpeded air flow)            | External circuit: 950 m <sup>3</sup> /h<br>Internal circuit: 540 m <sup>3</sup> /h                                                                                          |
| Energy efficiency ratio (EER) 50/60 Hz L35 L35 | Refrigeration factor L35 L35 (EER) 50 Hz: 1.72<br>Refrigeration factor L35 L35 (EER) 60 Hz: 1.58                                                                            |
| Design                                         | wall-mounted                                                                                                                                                                |
| Dimensions                                     | Width: 400 mm<br>Height: 950 mm<br>Depth: 260 mm                                                                                                                            |
| Protection category to IEC 60 529              | External circuit IP 34<br>Internal circuit IP 54                                                                                                                            |
| Protection category NEMA                       | UL Type 12                                                                                                                                                                  |
| Refrigerant/cooling medium                     | Refrigerant: R-513A<br>Quantity: 0.325 kg<br>Global Warming Potential (GWP): 631<br>CO <sub>2</sub> equivalent (CO <sub>2</sub> e): 0.21 t                                  |
| Temperature control                            | e-Comfort controller (factory setting +35 °C)                                                                                                                               |
| Operating temperature range                    | 10 °C...55 °C                                                                                                                                                               |
| Storage temperature range                      | -40 °C...70 °C                                                                                                                                                              |
| Setting range                                  | 20 °C...55 °C                                                                                                                                                               |
| Power consumption Pel                          | Power consumption L35 L35/50 Hz: 0.64 kW<br>Power consumption L35 L35/60 Hz: 0.79 kW<br>Power consumption L35 L50/50 Hz: 0.73 kW<br>Power consumption L35 L50/60 Hz: 0.9 kW |
| Permissible operating pressure (p. max.)       | 28 bar                                                                                                                                                                      |
| Pre-fuse                                       | Motor circuit-breaker: 6.3...10 A                                                                                                                                           |
| Packs of                                       | 1 pc(s).                                                                                                                                                                    |
| Net weight                                     | 33.95 kg                                                                                                                                                                    |

# Features

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|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Gross weight          | 40 kg                                                                                                           |
| Customs tariff number | 84158200                                                                                                        |
| ETIM 9                | EC000855                                                                                                        |
| ETIM 8                | EC000855                                                                                                        |
| ECLASS 8.0            | 27180704                                                                                                        |
| Product description   | SK cooling unit Blue e, wall-mounted, 1.1 kW, 400-460 V, 3~, 50/60 Hz, Stainless steel, WHD: 400 x 950 x 260 mm |

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# Approvals

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|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Approvals    | 30 - KC Korea<br>UL + C-UL (listed)<br>UL + C-UL - FTFA                                                   |
| Explanations | Declaration of conformity<br>Declaration of conformity - F-gas regulation<br>Declaration of conformity UK |

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